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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/646,807
Filing Date	December 5, 2000
First Named Inventor	Michael Wayne GRAHAM
Group Art Unit	1636
Examiner Name	D. M. Sullivan

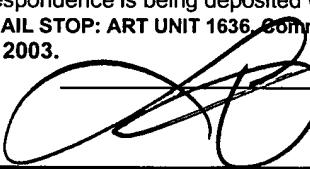| Total Number of Pages in This Submission	37 + 2 refs	Attorney Docket Number	546322000321

ENCLOSURES *(check all that apply)*

[X] Fee Transmittal Form - 1 pg IN DUPL	[ ] Assignment Papers *(for an Application)*	[ ] After Allowance Communication to Group
[ ] Fee Attached	[ ] Drawing(s)	[ ] Appeal Communication to Board of Appeals and Interferences
[X] Amendment/Reply - **Response to Office Action of March 7, 2003, Paper 19 - 28 pgs**	[ ] Licensing-related Papers	[ ] Appeal Communication to Group *(Appeal Notice, Brief, Reply Brief)*
[ ] After Final	[ ] Petition	[ ] Proprietary Information
[ ] Affidavits/declaration(s)	[ ] Petition to Convert to a Provisional Application	[ ] Status Letter
[X] Extension of Time Request - 1 pg	[ ] Power of Attorney, Revocation Change of Correspondence Address	[ ] Other Enclosure(s) *(please identify below)*
[ ] Express Abandonment Request	[ ] Terminal Disclaimer	
[X] **Information Disclosure Statement (3 pgs) / PTO-1449 - (2 pgs) w/2 ref attached & 22 CITED refs**	[ ] Request for Refund	
[ ] Certified Copy of Priority Document(s)	[ ] CD, Number of CD(s) _____	
[ ] Response to Missing Parts/ Incomplete Application	Remarks	
[ ] Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	**MICHAEL R. WARD** **Reg No. 38,651**
Signature	*Michael R Ward*
Date	**September 8, 2003**

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: **MAIL STOP: ART UNIT 1636, Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 on September 8, 2003.**

_____ **(LILIA OLSEN)**

FEE TRANSMITTAL
for FY 2003
Patent fees are subject to annual revision.

Complete if Known	
Application Number	09/646,807
Filing Date	December 5, 2000
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Group Art Unit	1636
Attorney Docket No.	546322000321

[X] Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) **696.00**

METHOD OF PAYMENT *(check all that apply)*

[ ] Check [ ] Credit Card [ ] Money Order [X] Other [ ] None

[X] Deposit Account

Deposit Account Number: **03-1952**

Deposit Account Name: **Morrison & Foerster LLP**

The Commissioner is hereby authorized to: *(check all that apply)*

[X] Charge fee(s) indicated below [X] Credit any overpayments

[X] Charge any additional fee(s) during the pendency of this application

[ ] Charge fee(s) indicated below, **except for the filing fee**

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) **0.00**

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below		Fee Paid
Total Claims	46	-45** = 1	x	9 =	9.00
Independent Claims	5	-4** = 1	x	42 =	42.00
Multiple Dependent			=		

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) ($) **51.00**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	465.00
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) **645.00**

SUBMITTED BY

		Complete *(if applicable)*	
Name (Print/Type)	MICHAEL R. WARD	Registration No. (Attorney/Agent)	38,651
		Telephone	(415) 268-6237
Signature	*Michael R Ward*	Date	September 8, 2003

sf-1564248